Atty. Dkt. No. 038602-1324

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Thomas CIOSSEK, et al.

Title:

METHODS FOR DIAGNOSIS AND TREATMENT OF MDK1

SIGNAL TRANSDUCTION DISORDERS

Prior Appl. No.: 08/438,265

Prior Appl. Filing Date: May 9, 1995

Examiner:

Unassigned

Art Unit:

Unassigned

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56**

Commissioner for Patents **Box PATENT APPLICATION** Washington, D.C. 20231

Sir:

Applicant submits herewith on Form PTO-1449 a listing of the documents cited by or submitted to the U.S. PTO in parent application Serial No. 08/438,265 filed 05/09/1995. As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously submitted to the United States Patent & Trademark Office in the above-identified parent application.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before receipt of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

The relevance of the documents is explained in the parent application.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

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Respectfully submitted,

Beth A. Burrous

Attorney for Applicant

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ATTY. DO ...T N 38602–164

52RIAL NO. 08/438,265

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

Thomas Ciossek et al.

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FILING DATE:

05/09/1995

GROUP:

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Page 6 of 7 Form PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. (MODIFIED) PATENT AND TRADEMARK OFFICE 038602-0164 08/438,265 APPLICANT INFORMATION DISCLOSURE CITATION CIOSSEK ET AL FILING DATE **GROUP ART UNIT** (Use several sheets if necessary) 05/09/1995 1642 **U.S. PATENT DOCUMENTS** DOCUMENT **EXAMINER** FILING DATE SUB-REF DATE NAME **CLASS** INITIAL NUMBER IF **CLASS** APPROPRIATE EC 5,521,295 05/96 Pacifici et al 536 23.4 ED 5,504,000 04/96 Littman et al 435 194 5.981,246 11/99 EE Fox et al 435 194 EF 5,457,048 10/95 Pasquale et al 435 252.3 **FOREIGN PATENT DOCUMENTS** DOCUMENT TRANSLATION SUB-REF DATE COUNTRY **CLASS** NUMBER CLASS YES NO 95/28484 EG 10/95 **WIPO** 93/00425 01/93 WIPO _ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Wicks et al, "Molecular cloning of HEK, the gene encoding a receptor tyrosine kinase expressed by human ΕI Lymphoid tumor cell lines", Proc. Natl. Acad. Sci. USA 89:1611-1615 (1992) Wigler et al, "Transformation of mammalian cells with an amplifiable dominant-acting gene", EJ Proc. Natl. Acad. Sci. USA 77(6):3567-3570 (1980) Wigler et al, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell ΕK 11:223-232 (1977) Wilson et al, "Clinical Protocol: Ex Vivo Gene Therapy of Familial Hypercholesterolemia", Human Cell Therapy EL 3:179-222 (1991) 4.4 5 Wolff et al., "Direct Gene Transfer into Mouse Muscle In Vivo", Science 247:1465-1468 (1990) ΕM Wu and Wu, :Receptor-mediated in Vitro Gene Transformation by a Soluble DNA Carrier System", J. Biol. ΕN Chem. 262:4429-4432 (1987) Wu et al, "Characterization and Molecular Cloning of a Putative Binding Protein for Heparin-binding Growth EO Factors", J. Biol. Chem. 266:16778-16785 (1991) Yang et al, "In Vivo and In Vitro Gene Transfer to Mammalian Somatic Cells by particle Bombardment", Proc. EP Natl. Acad. Sci. USA 87:9568-9572 (1990) **EXAMINER DATE CONSIDERED**

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communication to applicant.

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	EY	Computer Search Results, Sequence Listings: Accession Nos. Q34513, T02947, T02948 (related to W0 93/00425), May 24, 1993, 5 pages.						
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